

Claims

1. A display device for simulating a window and snow fall; comprising,
  - two spaced front panes;
  - a rear panel
  - a display opening between said front panes and said rear panel;
  - a frame surrounding said front panes and said rear panel;
  - a space in said frame between spaced front panes;
  - a conduit extending in said frame on one side of said front panes;
  - a trough in said frame below said spaced front pane where said conduit connects to a first end of said trough and said conduit has a nozzle to dispense into said tray;
  - an opening extending across said display opening between said front panes;
  - means to cyclically open and close said area between said spaced front panes to empty snow into said display space; and,
  - an operating means to control the snow entering said trough and dispensing the snow into said conduit for recycling.

2. A display device as in Claim 1 wherein said operating means to control the snow entering said trough and dispensing the snow into said conduit for recycling, comprises a vane covering said trough and having a means to rotate said vane into said trough whereby when said vane covers said trough snow collects on it and empties the snow into said trough as said vane rotates.
3. A display device as in Claim 2 wherein said operating means includes an air fan means to recycle said snow.
4. A display device as in Claim 3 wherein said operating means vane has a shut off cap at right angles to said vane and on one end of said fan to control the flow of said air fan to periodically open and close said trough to said air fan.
5. A display device as in Claim 4 wherein said operating means controls the opening and closing of said ~~vane~~ in said tray opening.
6. A display device as in Claim 5 wherein said operating means vane opens and closes said ~~vane~~ in said tray opening once every revolution.
7. A display device as in Claim 6 wherein said operating means vane pushes a connecting rod attached to said ~~vane~~ in said tray opening to open said opening when a

first edge of said vane contacts said connecting rod, whereby when a second edge of said vane is notched to avoid contacting said connecting rod.

8. A display device as in Claim 7 wherein said vane makes one complete revolution every four seconds.

9. A display device as in Claim 8 wherein said shut off cap on said vane blocks said air fan means 3 out of every 4 seconds at least in part or totally during the revolution of said vane.

10. A display device as in Claim 9 wherein said control means includes a means to create an illusion of the snow swirling as it falls through the display.